

## ECS Configuration Change Request

Page 1 of 2 Page(s)

1. Originator Timothy W. Ortiz	2. Log Date: <b>13 APR 00</b>	3. CCR #: <b>00-0904 -</b>	4. Rev:	5. Tel: (301) 925-0792	6. Rm #: 3201	7. Dept. REDV
8. CCR Title: Deliver Phlox.04 Test Executable To All Sites including VATC and PVC						
9. Originator Signature/Date: <i>Timothy W. Ortiz 4/12/00</i>			10. Class <b>II</b>	11. Type: CCR	12. Need Date: 04/12/00	
13. Office Manager Signature/Date: <i>Joseph W. Ortiz for Mark D. Ortiz 4/12/00</i>			14. Category of Change: Other		15. Priority: (If "Emergency" fill in Block 28). Emergency	
16. Documentation/Drawings Impacted: None			17. Schedule Impact: None		18. CI(s) Affected: STMGT	
19. Release Affected by this Change: 5A		20. Date due to Customer: 04/12/00		21. Estimated Cost: None - Under 100K		
22. Source Reference: <input checked="" type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input type="checkbox"/> Other: NCR 24782, 26058, 26149, 26188, 26251, 25812 and 26260, plus NCRS applicable to Archive and Staging Disk server core dumps						
23. Problem: (use additional Sheets if necessary) Core dumps in Archive and Staging Disk server due to file descriptor leakage (NCRs too numerous to mention) Daemon processes spin out of control and stop processing requests Performance degradation for Landsat-7 ingest						
24. Proposed Solution: (use additional sheets if necessary) Software CM shall prepare a tar file as specified on the continuation page. SMC shall distribute this tar file to all sites. Sites shall install as required.						
25. Alternate Solution: (use additional sheets if necessary) Wait until the delivery of 5A.05.Electra .						
26. Consequences if Change(s) are not approved: (use additional sheets if necessary) Sites will experience problems as stated in NCRs, thus affecting operations.						
27. Justification for Emergency (If Block 15 is "Emergency"): Upcoming operations events require fixes.						
28. Site(s) Affected: <input type="checkbox"/> EDF <input checked="" type="checkbox"/> PVC <input checked="" type="checkbox"/> VATC <input checked="" type="checkbox"/> EDC <input checked="" type="checkbox"/> GSFC <input checked="" type="checkbox"/> LaRC <input checked="" type="checkbox"/> NSIDC <input checked="" type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
29. Board Comments:			30. Work Assigned To:		31. CCR Closed Date:	
32. EDF/SCDV CCB Chair (Sign/Date): <i>Bryan J. Velasco 4/13/00</i>			Disposition: <u>Approved</u> App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS			
33. M&O CCB Chair (Sign/Date): <i>Colleen Sloan 4/13/00</i>			Disposition: <u>Approved</u> App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS			
34. ECS CCB Chair (Sign/Date):			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS			

CM01JA00

ECS/EDF/SCDV/M&amp;O

ORIGINAL

04-13-00A09:05 0402

## ADDITIONAL SHEET

CCR #: **00-0404** Rev: **1** Originator: Timothy W. Ortiz

Telephone: (301) 925-0792 Office: 3201

Title of Change: Deliver Phlox.04 To All Sites including VATC and PVC

### CONTENT:

Please create an SGI tar file containing the files

```
/ecs/formal/DSS/bin/sgi6n32/EcDsStArchiveServer  
/ecs/formal/DSS/bin/sgi6n32/EcDsStStagingMonitorServer  
/ecs/formal/DSS/bin/sgi6n32/EcDsStCopyDaemon  
/ecs/formal/DSS/bin/sgi6n32/EcDsStStagingDiskServer  
/ecs/formal/DSS/bin/sgi6n32/CopyDaemonTest
```

from the view jcrawler\_copyDaemon

### SITES:

Please note that EcDsStStagingDiskServer and EcDsStFTPClientDaemon are new additions to the Phlox family, and have not been distributed in previous Phlox patches. Also, please note that Phlox is still an SGI-only patch

### INSTALLATION:

To install the Phlox.04 set of test executables, copy the delivered files into /usr/ecs/<MODE>/CUSTOM/bin/DSS on each SGI which hosts an instance of either EcDsStArchiveServer, EcDsStStagingDiskServer or EcDsStStagingMonitorServer. Install the EcDsStCopyDaemon process as described in the attached instructions.

**IMPORTANT:** Do not bring up the Phlox.04 Archive Server or Staging Monitor Server until the Copy Daemon has been properly installed and is running.

The last file is a test driver that has proven useful for monitoring and force-cleaning of the Daemon queue.

Phlox.04 replaces and obsoletes Phlox.03.

CM01AJA00

**ORIGINAL**